

# Cisco IOS Software Release 12.1(2)XF

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## Early Deployment (ED) Release Summary

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<b>Description of the Release</b>	<p>Cisco IOS® Software Release 12.1(2)XF is a short-lived release (XED) based on 12.1(2)T. It has been optimized to provide enhanced voice and voice applications for the Cisco 800 series of router (811 &amp; 813), which targets small office and home office (SOHO) market. Another major addition to this code is the support of the Japanese INS-NET-64 switch standard. This makes it possible to support more features including Japanese caller ID display.</p> <p>The Cisco 800 series router introduced with Cisco IOS Software Release 12.1(2)XF comes both with S/T and U Interfaces.</p> <p>The two models are:</p> <ul style="list-style-type: none"><li>• Cisco 811 (1E, S/T, Y, Console Port, No Pots, No Hubs)</li><li>• Cisco 813 (1E, S/T, Y, Console Port, 2 POTS and 4 Ethernet Hubs)</li></ul> <p>Both models have <b>8 MB DRAM</b>, upgradable to 16 MB &amp; <b>4 MB FLASH</b>, upgradable to 12 MB.</p> <p>They also support three Extra switches with Normal/Reverse, DSU "ON/OFF", &amp; S/T Termination switch.</p> <p>The following links provide more information:</p> <ul style="list-style-type: none"><li>• Cisco IOS Software Release 12.1 Feature Set Tables</li><li>• Cisco 811 and 813 Routers</li></ul>	
<b>Product and Feature Support</b>	<b>Major New Features</b> <ul style="list-style-type: none"><li>• Japanese INS-NET-64</li><li>• Call Blocking on Caller ID</li><li>• Local Call Waiting (The user has the option to place the current call on hold by pressing flash key, connect to the incoming call, and then switch back to the current call)</li></ul>	<b>Platforms/Images</b> <p>Cisco 811 &amp; Cisco 813 Router Images:</p> <p><b>IP:</b> c800-y6-mw</p> <p><b>IP/IPX:</b> c800-sy6-mw</p> <p><b>IP/IPX:</b> c800-nsy6-mw <b>PLUS</b></p> <p><b>IP/Firewall:</b> c800-oy6-mw</p>

	<ul style="list-style-type: none"> <li>• E Ya Yo (This feature allows an outgoing call's caller ID to be invisible to the receiving device. It is activated by dialing the prefix "184" specified in the NTT user manual before dialing the receiving device's number)</li> <li>• Voice Warp/Voice Select Warp (This feature– NTT defined– is supported only when the Japanese INS–NET–64 Switch is connected to the router.)</li> <li>• Nariwake (This feature allows mantis platform to register multiple Caller ID numbers with the ISDN (NTT INS–NET–64) switch based on router's local directory numbers. When calls are presented to the NTT Switch with a Caller ID identified on the list of registered numbers, the NTT switch will send a message to the mantis platform to notify the router that it should provide a distinctive ring to its telephone port to which the local directory number just called will be routed)</li> <li>• Trouble Call Blocking</li> <li>• I Number (allows several terminal devices to be used with one subscriber line)</li> </ul> <p><b>Note:</b> Most of the above features are activated ONLY when the global command "pots country JP" is configured in the router.</p>	<p><b>IP/IPX/Firewall:</b>c800–osy6–mw</p> <p><b>IP/IPX/Firewall/IPSec:</b>c800–osy656i–mw</p> <p><b>IP/IPX/Firewall/IPSec PLUS:</b> c800–nosy656i–mw</p>
	Based On (root)	Ported Into
<b>Synchronization Points with Major Releases</b>	Cisco IOS Software Release 12.1(2)T	Cisco IOS Software Release 12.1(4)T
<b>Release Type</b>	Cisco IOS Software Release 12.1(2)XF is a one–time release or XED.	
<b>Target Market</b>	Cisco IOS Software Release 12.1(2)XF is for use by Enterprise, Network Service Providers, ISP, SOHO, and SMB.	
<b>Maintenance Releases</b>	<p><i>There are no maintenance releases for XED.</i></p> <p>Projected Cisco IOS Release Dates</p>	
<b>Interim Builds</b>	<p>There are Weekly Builds. IOS XED does not provide interim builds; they may provide rebuilds to address catastrophic defects.</p> <p>Customers are advised to upgrade to the next fully tested maintenance revision.</p>	
	Customer Upgrade From	Customer Upgrade to

<b>Recommended Customer Migration Path</b>	Cisco IOS Software Release 12.0(1)XB		Cisco IOS Software Release 12.1(2)XF, 12.1(4)T	
	Cisco IOS Software Release 12.1(2)XF		Cisco IOS Software Release 12.1(4)T	
	The recommended migration path is the logical superseding release, which brings additional features and hardware support to the network without loss of previously configured functionality.			
<b>Life Cycle</b>	Milestones	Y2K Compliance	Certification	Other Dates
	CCO FCS:5/30/00 EOS: EOE: EOL:		Yes LD	MFG FCS:6/06/00
	<b>Comments:</b>			
<b>CCO Address</b>	<p>For more information, consult the following web pages:</p> <ul style="list-style-type: none"> <li>• <b>Cisco IOS Product Bulletin Location:</b></li> <li>Cisco IOS General Product Bulletin</li> <li>• <b>Release Notes:</b></li> <li>Cisco IOS Release Notes</li> <li>Cisco IOS 12.1(2)XF Release Notes</li> <li>• <b>Documentation:</b></li> <li>Cisco 811 &amp; 813 Routers</li> <li>• <b>Cisco IOS Release Related Information</b></li> <li>Cisco IOS Reference Guide</li> <li>Cisco IOS Release Process</li> <li>Cisco IOS Software Configuration</li> <li>Caveats for Release 12.1(2)XF</li> </ul>			
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